

## GADOLINIUM (III) NITRATE HYDRATE

<b>PRODUCT CODE</b>	RE1210	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(94219-55-3)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	Gd(NO <sub>3</sub> ) <sub>3</sub> .XH <sub>2</sub> O(X=6)	<b>Gd(NO<sub>3</sub>)<sub>3</sub>.XH<sub>2</sub>O(X=6)</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	343.26 (anhy.)	
<b>PROPERTIES</b>	--	

PARAMETER	LIMIT
Description	White hygroscopic crystalline Solid
Solubility	Soluble in water.
Minimum assay (Trace metal basis)	99.9%
Melting point	About 91°C

**Note(s) : Assay (if applicable) method mentioned.**

<p><b>DANGER</b>  <b>Hazard statements:</b> May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.  <b>Precautionary statements</b>  <b>Prevention:</b> Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.  <b>Response:</b> If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	<p>IMDG Code : --            4UN No. : --            IATA : --</p>
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**Disposal:** The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

Hazard Pictogram(s) :-



Replace date 02-Jan-2023